Signature

PTC/SB/21 (08-00)
Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

November 7, 2002

Date

Under the Pa	perwork Reduction Act of 199	5, no persons are requi	red to respond to a collection of info	ormation	unless it displays a valia OMB control number	
TDANS	SMITTAL F	∩PM	Application No.	09/	843,597	
			Filing Date	Apı	ril 26, 2001	
to be used for all correspondence after initial filing)			First Named Inventor	Tho	omas W. Mossberg	
			Group Art Unit	363	3	
			Examiner Name	Not	Yet Assigned	
Total Number of P	Pages in This Submiss	ion 7	Attorney Docket Number	545	5P001X	
	ENCLO	SURES (chec	ck all that apply)			
Fee Transmittal	Form	Assignmer (for an App	nt Papers plication)		After Allowance Communication to Group	
Fee Attac	ched	Drawing(s))		Appeal Communication to Board of Appeals and Interferences	
Amendment / Re	esponse	Licensing-	related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief	
After Fina Affidavits	al /declaration(s)	Petition			Proprietary Information	
Extension of Tim	extension of Time Request		Convert a Application		Status Letter	
Express Abandonment Request		Power of Attorney, Revocation Change of Correspondence Address			Other Enclosure(s) (please identify below):	
Information Disc	closure Statement	Terminal Disclaimer			-Copiesof 9 cited references -Check for \$180.00 for fees	
Certified Copy o Document(s)	f Priority	Request fo	r Refund		-Return Receipt Postcard	
Response to Mis Incomplete Appl	ssing Parts/ lication	CD, Numbe	er of CD(s)	[
Response	e to Missing der 37 CFR 53	Remarks			RECEIVE	
1.52 or 1.	.53				NOV 1 4 2002	
					GROUP 36	
			NT, ATTORNEY, OR AC	GENT	Γ	
m	Gregory D. Cal	dwell, Reg. N	o. 39,926			
ndividual name BLAKELY, S		SOKOLØFF, TAYLOR & ZAFMAN LLP				
Signature						
ate	November 7,	2002				
	CERTIF	ICATE OF MAIL	ING/TRANSMISSION			
	is correspondence is b	eing deposited w			rice as First Class mail with ton, D.C. 20231 on: November 7, 2002	
ped or printed na	ame Juli L. John	stone (ρ		110101111101 1, 2002	

Burden Hour Statement: This form is estimated to take 0.8 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (10-02)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

EE TRANSM	$TT\Delta$		C	omplete if Known
ATEN SOLO	1		Application Number	09/843,597
for FY 200	13		Filing Date	April 26, 2001
Patent fees are subject to annual r	evision.		First Named Inventor	Thomas W. Mossberg
Applicant claims small entity status.	See 37 CF	R 1.27.	Examiner Name	Not Yet Assigned
TOTAL AMOUNT OF PAYMENT	(\$)	180.00	Group/Art Unit	3633
TOTAL AMOUNT OF TATMENT	(Ψ)	180.00	Attorney Docket No.	5455P001X

	ME	THO	OF F	PAYMENT (ch	neck one)				FE	E CALCULATION	ON (continue	ed)			٦
-				Money		3. A	DDITIO	NAL	FEES	3					٦
Che		Credit	card	Order	Other None	Large	e Entity	. Sma	ill Entity	,					١
□ Det	oosit Accou	irit				Fee	Fee	Fee	Fee	-					ı
Dep Acc				02-2666		Code	(\$)	Code	(\$)	Fee	Description			Fee Paid	,
Nun				02-2000		1051	130	2051	65	Surcharge - late filing	fee or oath				1
Dep	osit					1052	50	2052	25	Surcharge - late provi cover sheet.	isional filing fee or				1
Acc Nan	ue B	lakely	, Sok	oloff, Taylor &	& Zafman LLP	2053	130	2053	130	Non-English specifica	ation				-11
The Cor	nmissione	r is aut	horized	o: (check all that ap	oly)	1812	2,520	1812		For filing a request for		nation			1
☐ Cha	arge fee(s)	indicate	d below	Credit	any overpayments	1804	920 *	1804	920 1	Requesting publication	on of SIR prior to				1
	arge any ad	ditional	fee(s) re		§§ 1.16, 1.17, 1.18 and 1.	20	4.040+		1 040 1		(CID -4	ゴ			╢
-				except for the filing		1805	1,840 *	1805	1,840	Requesting publication Examiner action	on or SIK after	(C)		$ \infty $	Ш
	ne above-i					1251	110	2251	55	Extension for reply wi	thin first month	.8	NO.	<u>R</u>	١l
		F	EE CA	LCULATION		1252	400	2252	200	Extension for reply wi	thin second month	30	~	8	1
1.	BASIC	FILI	NG FE	E		1253	920	2253	460	Extension for reply wi	thin third month	2800 MAIL ROOM	25	==	II
Large		_	l Entity			1254	1,440	2254	720	Extension for reply wi	thin fourth month	A	~ 3	m	I
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1255	1,960	2255	980	Extension for reply wi	thin fifth month		2002	0	1
,	740		370	Litility filing for		1404	320	2401	160	Notice of Appeal		8	2		1
1001 1002	330	2001	165	Utility filing fee Design filing fee	· 	1402	320	2402	160	Filing a brief in suppo	ort of an appeal	웆			1
1003	510	2003	255	Plant filing fee		1403	280	2403	140	Request for oral hear	ing	-	•		1
1004	740	2004	370	Reissue filing fee	··	1451	1,510	2451	1,510	Petition to institute a	public use proceed	-			Ш
1005	160	2005	80	Provisional filing fe	ee	1452	110	2452	55	Petition to revive - un	avoidable	R	=C	EIV	H
		ı	SUB	TOTAL (1)	(\$)	1453	1,280	2453	640	Petition to revive - un	intentional	1 11		L-1-V	Ħ
					(*)	1501	1,280	2501	640	Utility issue fee (or re	issue)		NOV	1 4 2	h
2.	EXTR	A CLA	VIM FI		ee from	1502	460	2502	230	Design issue fee			110 1		Ĭ
Total Cla	ims [Claims	below Fee Paid	1503	620	2503	310	Plant issue fee		CE		UP (þ
Independ			_ 20	<u>-</u> ×		1460	130	2460	130	Petitions to the Comm		G	10	י וט	H
Claims Multiple I] Dependent		· 3	-\		1807	50	1807	50	Processing fee under	,				
	•					1806	180	1806	180	Submission of Inform		tmt		180.00	.
Large E	Fee	Small Fee	Entity Fee	Fee Description		8021	40	8021	40	Recording each pater property (times numb					
Code	(\$)	Code	(\$)	, ea rescription		1809	740	1809	370	Filing a submission af	fter final rejection				-
1202	18	2202	9	Claims in excess of	20	1				(37 ČFR § 1.129(a))	•				Н
1201	, 84	2201	42	Independent claims	in excess of 3	1810	740	2810	370	For each additional in examined (37 CFR §				-	
1203	280	2203	140	Multiple Dependent	·	1801	740	2801	370	Request for Continue		E)			$\ $
. 1204	84	2204	42	**Reissue independe original patent	ent claims over	1802	900	1802	900	Request for expedited	·	, _ ,			$\ $
1205	18	2205	9		excess of 20 and over		e (specify)		900	of a design application					_
1203		2200	·	original patent		Other le	e (ahenik)								$\ \ $
			SUB	TOTAL (2)	(\$)	ıl 💮									ı
	**or num	ber prev	riously pa	id, if greater, For Rei		Reduced	l by Basic Fili	ng Fee Pa	aid	S	SUBTOTAL (3)	(\$)	180.0	7
डाग	3MIT TE	-D R				1					Comp	ete /if a	annlica	hle)	+
			-	mr D. Calden	- II - 2	1/12	egiştratio	on Ņo.		20.026		lete (if a		1-6200	4
ivaili	e (Print/T ₎	pe)	Grego	ory D. Caldwo	en //	1 189	egistrátio torney/Age	enty	3	39,926	Telephone	(303	1004	- -0200	

11/07/02 Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

#6 83

Docket No.: 5455P001X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of:

THOMAS W. MOSSBERG

Application No.: 09/843,597

Filed: April 26, 2001

For: HOLOGRAPHIC SPECTRAL FILTER

Art Group: 3633

Examiner: Not Yet Assigned

RECEIVED

NOV 1 4 2002

GROUP 3600

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

11/13/2002 NMOHAMM1 00000167 09843597

01 70:1005

180.00 DP

The references were cited in a Search Report dated August 22, 2002 (copy enclosed herewith) from a foreign patent office in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: November 07, 2002

Gregory D. Caldwell, Reg. No. 39,926

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 (503) 684-6200

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

Nevember_07, 2002_

1-07-02

Date

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

 Sheet
 1
 of
 2

Complete if Known					
Application Number	097843,597				
Filing Date	April 26, 2001				
First Named Inventor	Thomas W. Mossberg				
Group Art Unit	3633				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	5455P001X				

	U.S. PATENT DUCUMENTS								
Examiner Initials*	Cite No.'	U.S. Paten Number	t Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	I	4,440,468	-	Auracher, et al.	04-03-1984				
				, <u>, , , , , , , , , , , , , , , , , , </u>	RE	CEIVED-			
					1	NOV 1 4 2002			
					GR	OUP 3600			
		ļ. <u>.</u>			<u>.G.</u>	09, 000			

Examiner	Cite	Foreign Patent Document			Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	
Initials*	No.'	Office ³	Number	Kind Codes (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Te
	2	GB	2 168 215	A	Sec. of State for Defence UK	06-11-1986		
	3	EP	0 310 438	A1	British Telecommunications	04-05-1989		
	4	wo	99/35523	A1	Templex Technology, Inc.	07-15-1999		
	5	WO	99/56159	A1	Templex Technology, Inc.	11-04-1999		
•								
							_	
	1							

Examiner		Date	
Signature		Considered	

'Unique citation designation number. ³See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

2

Sheet

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

2

of

STATEMENT BY APPLICANT

		OTHER ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	-
	67	SHOGO URA, ET AL., "Integrated Optic Wavelength Demultiplexer Using a Coplanar Grating Lens", Applied Optics, March 20, 1990, pp. 1369-1373, Vol. 29, No. 9, Optical Society-of-America, New-York, USA	
	7_	RAY T. CHEN, ET AL., "Ten Channel Single-Mode Wavelength Division Demultiplexer in Near IR", Integrated Optical Circuits, September 3, 1991, pp. 134-142, Vole 1583, The International-Societ-for-Optial-Engineering, Boston, Massachusetts, USA	
	8	W. R. BABBIT, ET AL., "Spatial Routing of Optical Beams Through Time-Domain Spatial-Spectral Filtering", Optics Letters, April 15, 1995, pp. 910-910, Vol. 20, No. 8, Optical-Society-of-America, USA	
	9	T. W. MOSSBERG, "Planar Holographic Optical Processing Devices", Optics Letters, April 1, 2001, pp. 414-416, Vol. 26, No. 7, Optical Society of America, USA	
		RECEIVED	
		NOV 1 4 2002	-
		GROUP 3600	

Examiner	Date
Signature	Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

'Unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.